

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief

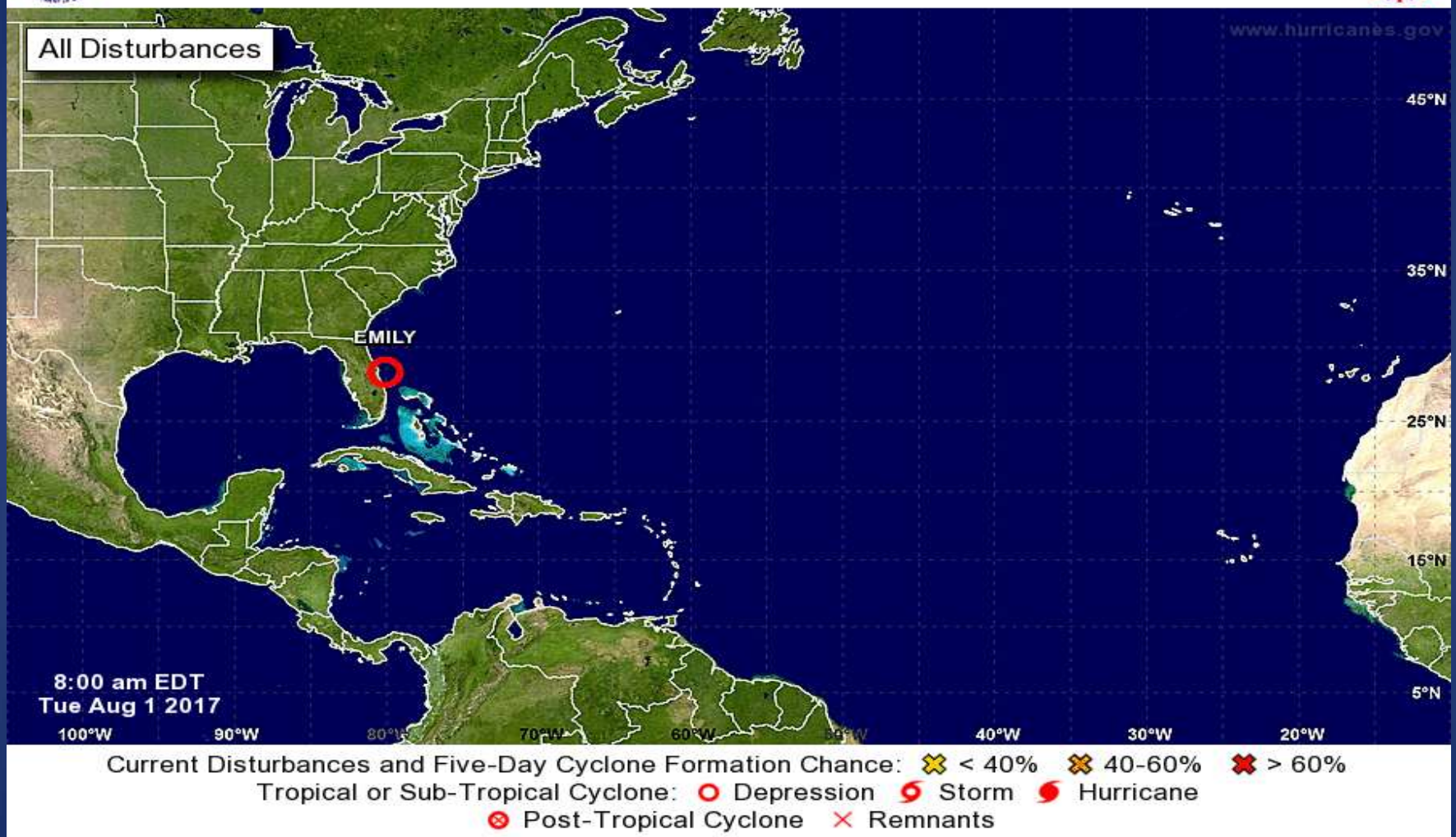


Tuesday, August 1st 2017
As of 0900 CST

Tropical Weather Awareness



Five-Day Graphical Tropical Weather Outlook National Hurricane Center Miami, Florida



For the North Atlantic...Caribbean Sea and the Gulf of Mexico: The National Hurricane Center is issuing advisories on Tropical Depression Emily, located over the Atlantic Ocean just east of Cape Canaveral, Florida. Tropical cyclone formation is not expected during the next 5 days. && Public Advisories on Tropical Depression Emily are issued under WMO header WTNT31 KNHC and under AWIPS header . Forecast/Advisories on Tropical Depression Emily are issued under WMO header WTNT21 KNHC and under AWIPS header.

Incidents Reported to the State Operations Center (last 24 hours)

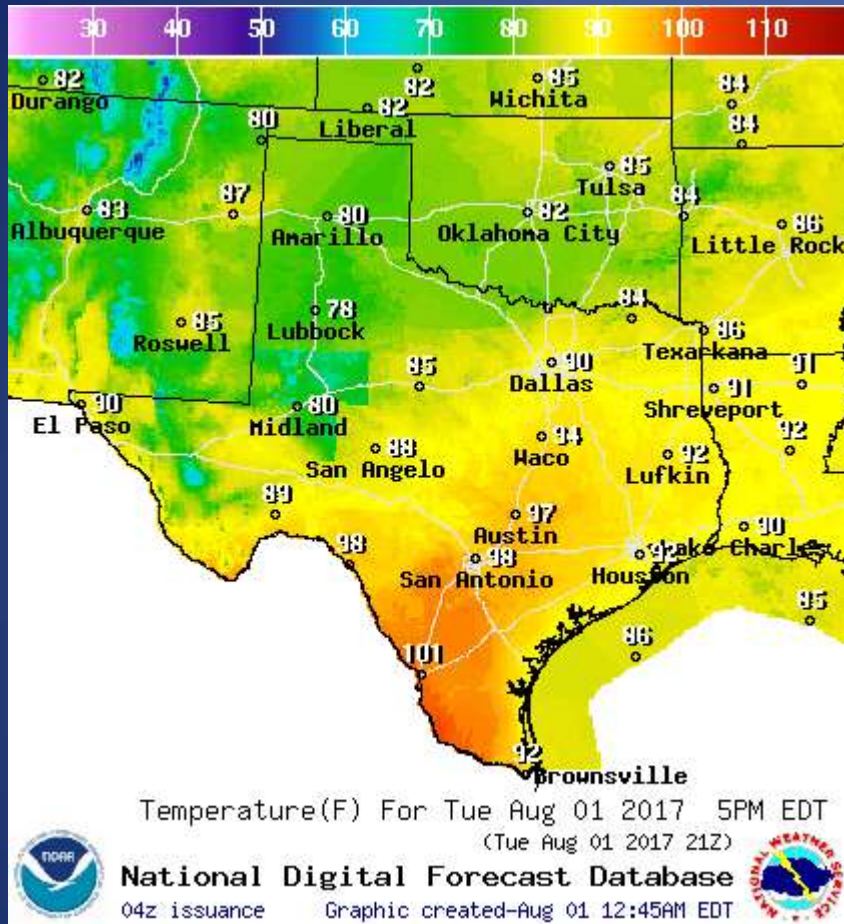
| DATE | EVENT / INCIDENT | LOCATION (City/County) | Final Report: Y/N |
|----------|--|---------------------------|-------------------------|
| 07/31/17 | Initial Report of a Wildland Fire | Brown County | N |
| 07/31/17 | Initial Report of Wildfire | DeWitt County | N |
| 07/31/17 | Update #1 Report to Causey Lane Wildfire | DeWitt County | N |
| 07/31/17 | Final Report of the Salt Creek Fire | Brown County | Y |
| 08/01/17 | Update #2 Report to Causey Lane Wildfire | DeWitt County | N |

Informational Products

Distributed by the State Operations Center

| DATE | SUBJECT |
|----------|--|
| 07/31/17 | NWS Norman- Weekly Weather Briefing July 31, 2017 |
| 07/31/17 | NWS El Paso: Weather Hazards Outlook for Monday July 31, 2017 |
| 07/31/17 | Texas A&M Forest Service: Texas Fire Potential Update |
| 07/31/17 | NWS Midland: Heavy Rain/Flash Flood Watch: Lea County/Parts of the Permian Basin |
| 07/31/17 | NWS Shreveport Climate Webinar This Thursday Morning, August 3rd, at 10 am |
| 08/01/17 | Daily NWS Threat Brief for Tuesday, August 1, 2017 for FEMA Region 6 |
| 08/01/17 | FEMA Region 6 Daily Situation Awareness Brief - 080117 |

Weather Forecast

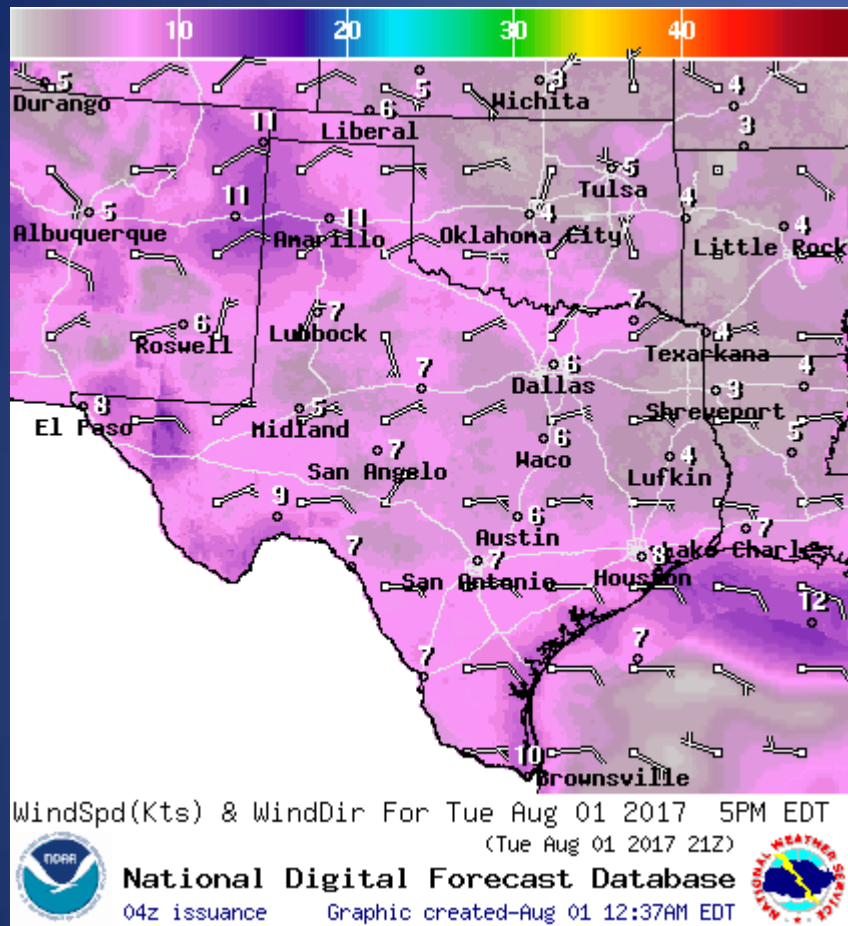


Highs

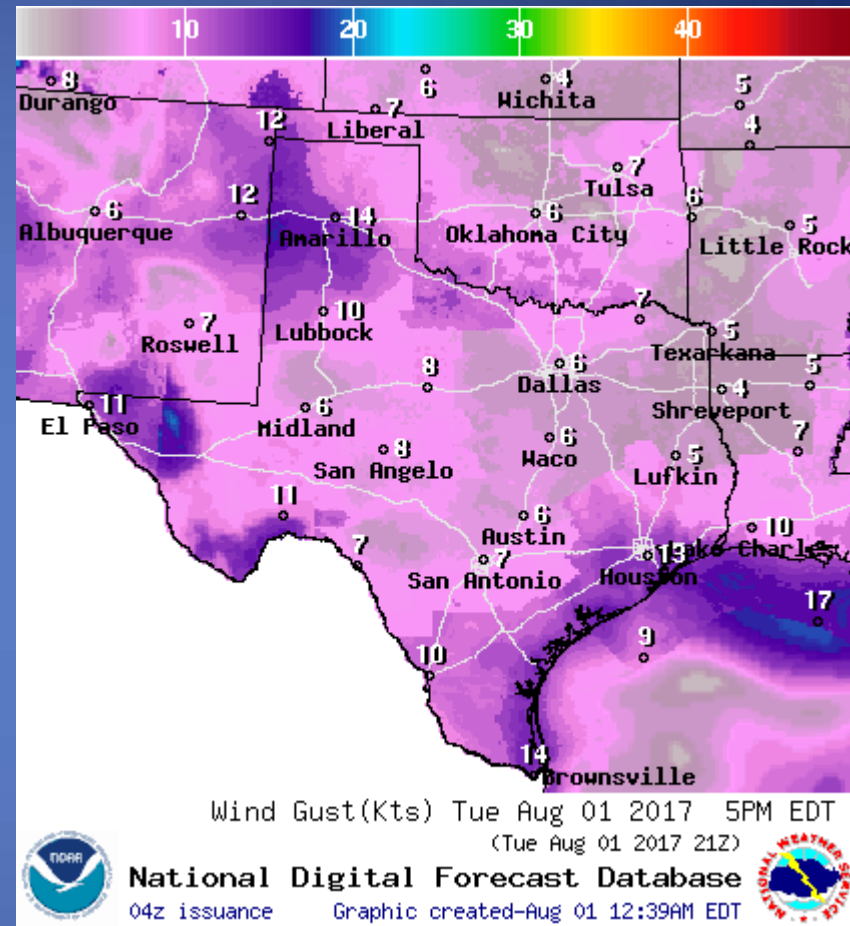


Lows

Weather Forecast



Wind Speeds



Gusts

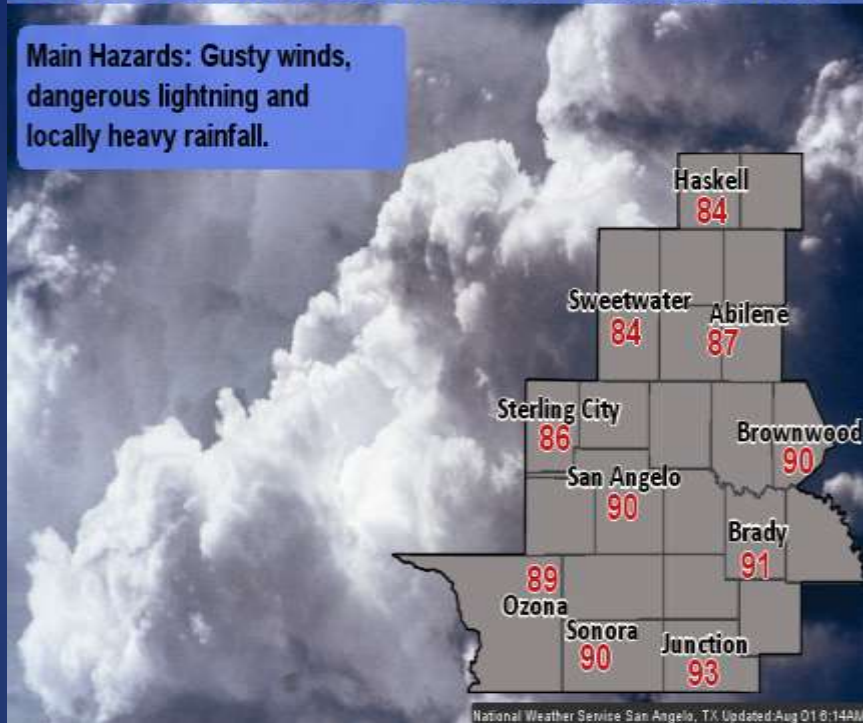
Hazardous Weather



Hazardous Weather

Cooler-Scattered Showers and Thunderstorms

Main Hazards: Gusty winds, dangerous lightning and locally heavy rainfall.

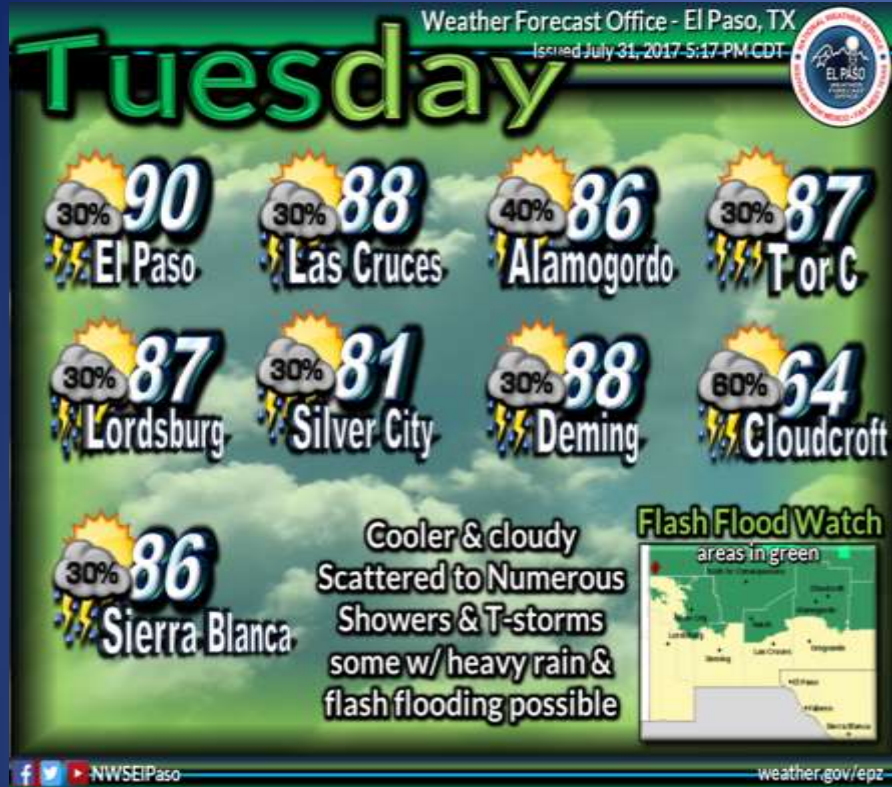


Temperatures will be cooler today with scattered showers and thunderstorms possible. Locally heavy rainfall will be the main concern.

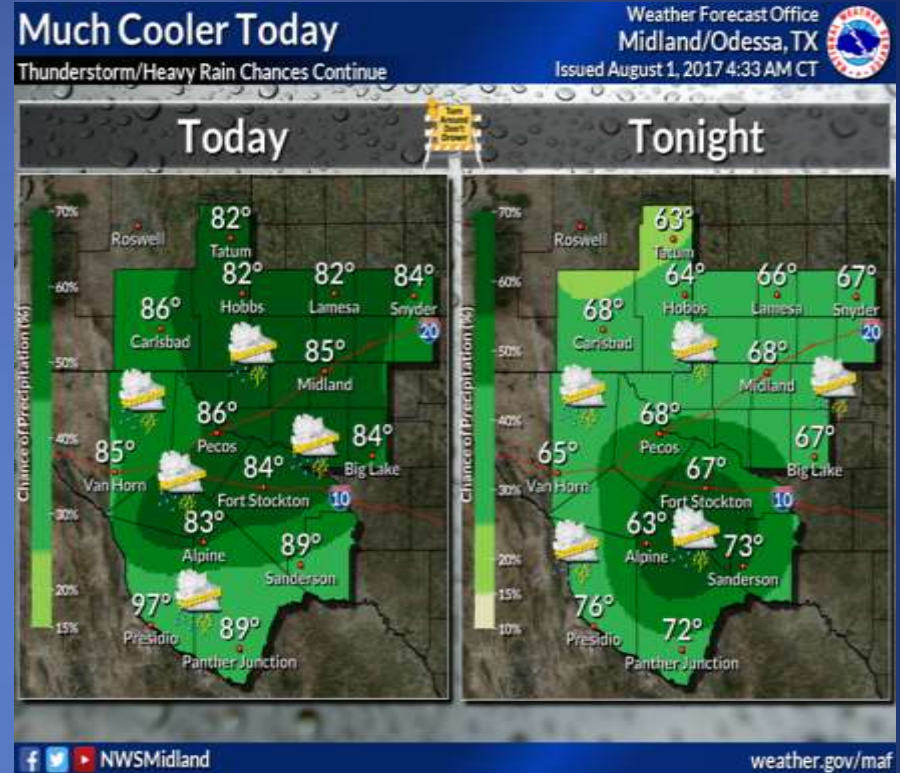


Rain and isolated thunderstorm chances return to North Texas today with the arrival of a cold front. Temperatures will range from the middle 80s in the northwest to the middle 90s in the south.

Hazardous Weather



Increased moisture and a focusing boundary moving in from the northeast should lead to an increase in rain and thunderstorm activity across the Borderland for Tuesday. With plenty of clouds expected, the temperatures should be slightly lower. However the high humidity won't make the lower temperatures feel much better. That is unless you are in the vicinity of rain-cooled air near or in rain. Scattered areas of rain and storms are expected. A Flash Flood Watch is in place for the northern portions of our area, but any spot could see a heavy downpour and localized flash flooding; so everybody should keep their guard up, and stay up to date on the weather.



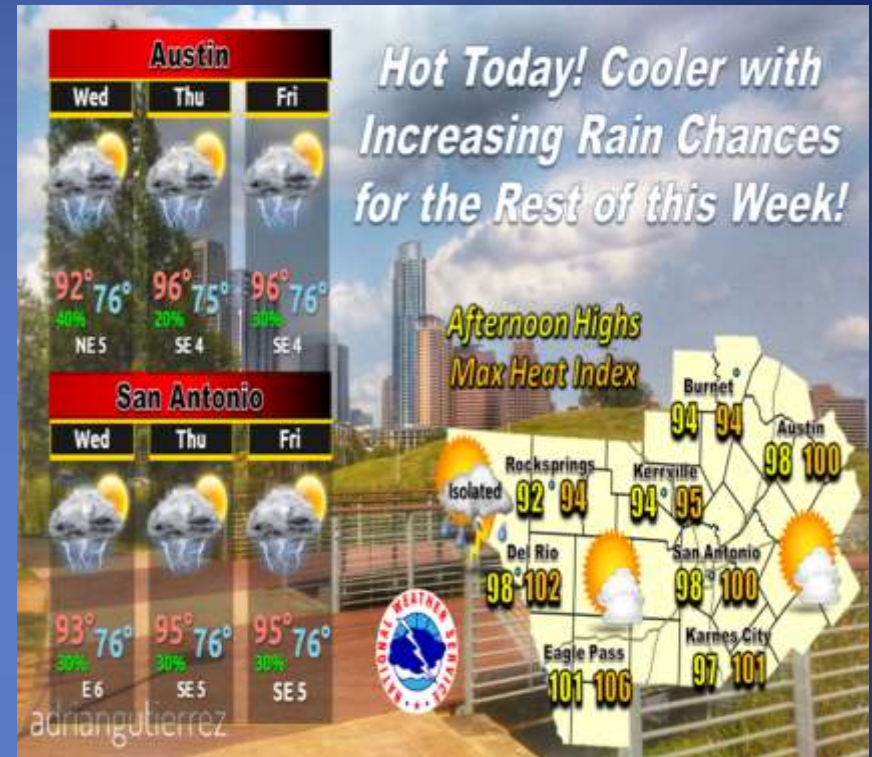
It will be much cooler today due to lots of cloud cover and precipitation across the area. Showers and thunderstorms remain possible area wide through tonight, with heavy rainfall and associated flooding the primary concerns. Be careful and allow extra time if you're out and about, and remember never to drive through flood waters - it can be difficult to tell how deep the water actually is!

Hazardous Weather

Regional Outlook 08/01/2017

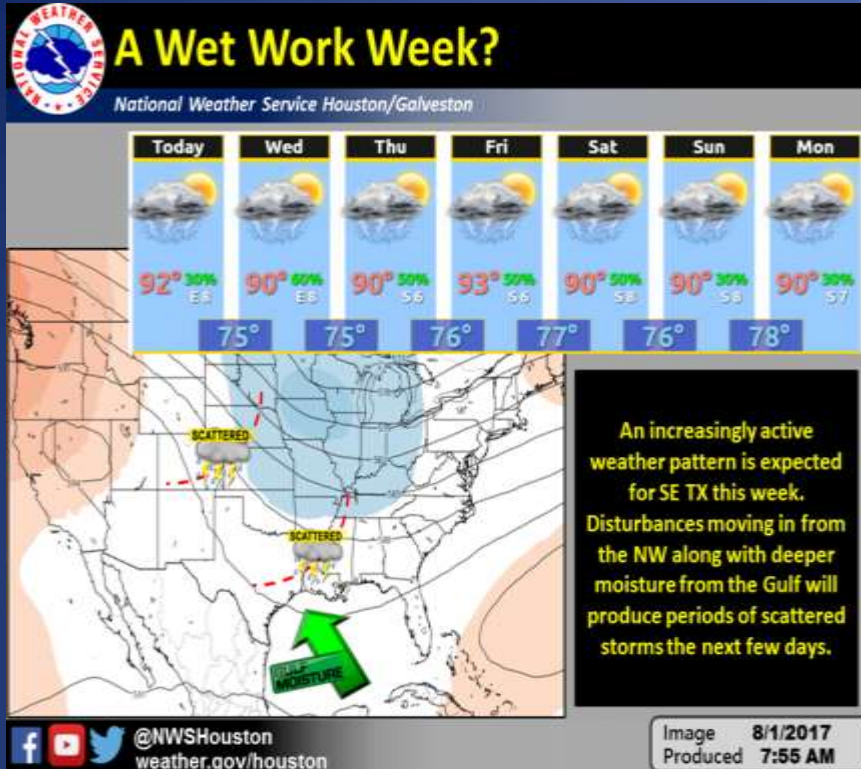
| Broken Bow | Texarkana | El Dorado | Tyler | Shreveport | Monroe | Natchitoches | Lufkin |
|--|---|---|---|---|---|---|---|
| Today | Today | Today | Today | Today | Today | Today | Today |
|  STORMS 40% |  STORMS 30% |  STORMS 20% |  STORMS 20% |  |  |  |  |
| 85 | 87 | 88 | 90 | 90 | 90 | 91 | 92 |
| Tonight | Tonight | Tonight | Tonight | Tonight | Tonight | Tonight | Tonight |
|  STORMS 30% |  STORMS 30% |  STORMS 30% |  STORMS 30% |  STORMS 30% |  STORMS 30% |  STORMS 30% |  STORMS 30% |
| 68 | 69 | 69 | 72 | 74 | 71 | 72 | 74 |

Showers and thunderstorms possible today, with high temperatures topping out in the upper 80s to lower 90s.



One last hot day is in store for South Central Texas with high temperatures ranging from the mid 90s in the Hill Country to lower 100s in the Rio Grande Plains. Isolated showers and thunderstorms will move into the western Edwards Plateau and Rio Grande Plains regions this afternoon before spreading east into the Hill Country later tonight. Increasing cloud cover and rain chances beginning on Wednesday will bring slightly "cooler" than normal temperatures to the region through the end of the week.

Hazardous Weather



Upper level disturbances moving in from the NW along with increased moisture from the Gulf will help to produce scattered storms these next few days.



Isolated showers and thunderstorms are possible across mainly central and coastal portions of deep south Texas today, as well as the adjacent nearshore and offshore Gulf waters of the lower Texas coast. Near normal to just slightly above normal high temperatures are expected, topping out near 102 for the upper valley. There will be a light chop on the bay with Gulf seas 2 feet or less out to 60 nautical miles east of Padre island

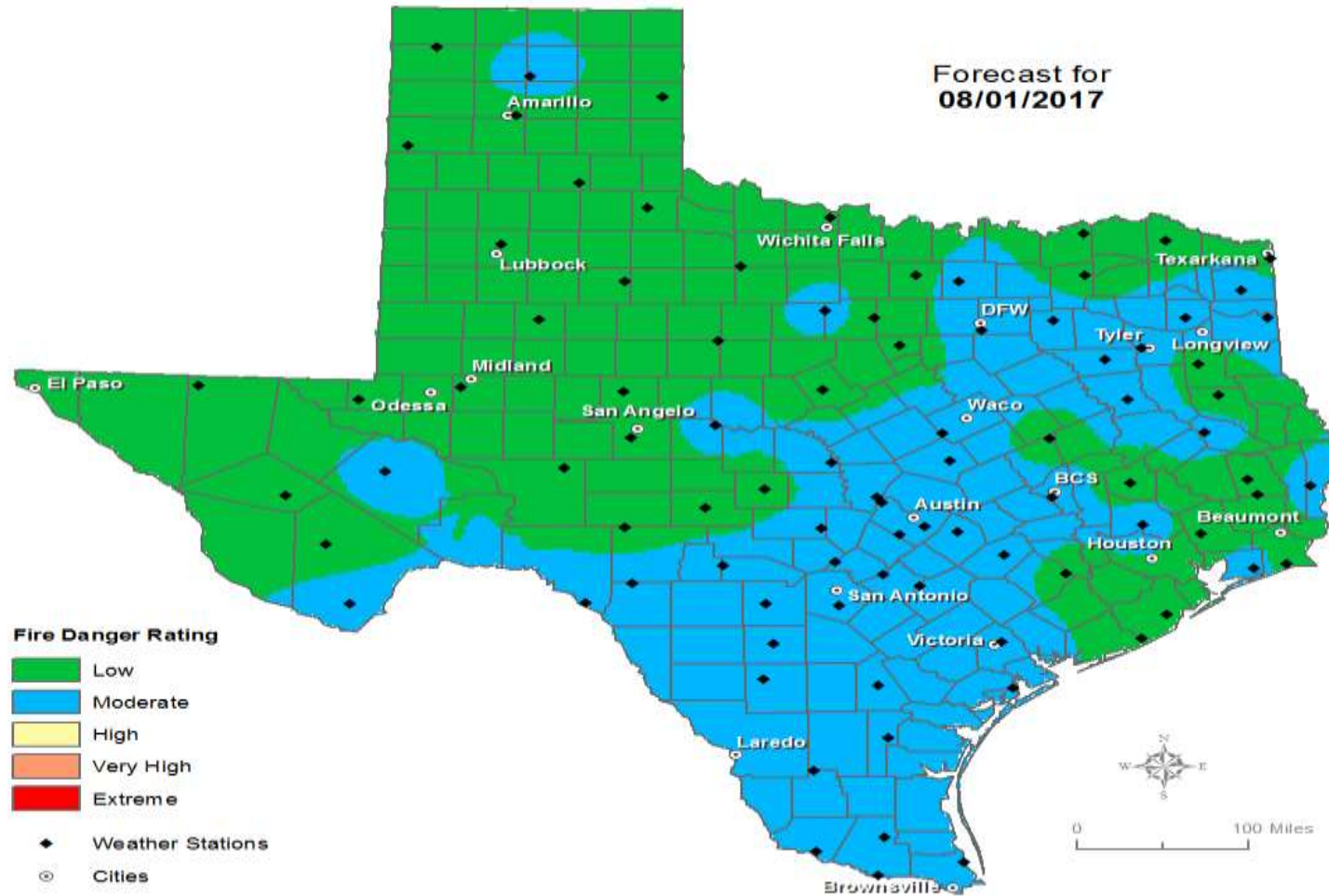
Weather Warning/Advisories Issued

| DATE | WARNING TYPE | LOCATION |
|----------|--|---|
| 07/31/17 | Urban and Small Stream Flood Advisory | Coke, Concho, Lubbock and Tom Green Counties |
| 07/31/17 | Flood Advisory | Bailey, Cochran, Lamb and Parmer Counties |
| 07/31/17 | Arroyo and Small Stream Flood Advisory | Culberson, Loving and Reeves Counties |
| 07/31/17 | Flash Flood | Lea County/Parts of the Permian Basin |
| 08/01/17 | Urban and Small Stream Flood Advisory | Andrews, Dawson, Gaines, Loving, Martin and Winkler Counties |
| 08/01/17 | Arroyo and Small Stream Flood Advisory | Culberson County |
| 08/01/17 | Flood Warning | Yoakum County |
| 08/01/17 | Flood Warning Remains in Effect | Yoakum County |
| 08/01/17 | Flood Advisory | Andrews, Crane, Ector, Loving, Midland, Pecos, Reeves, Upton, Ward and Winkler Counties |
| 08/01/17 | Dense Fog Advisory | Dallam, Hansford, Hartley, Moore and Sherman Counties |

Fire Danger Forecast

Forecast Fire Danger

Forecast for
08/01/2017



Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

August 01, 2017



Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 92

Armstrong
Atascosa
Bailey
Bandera
Bastrop
Baylor
Brewster
Brown
Burnet
Caldwell
Callahan
Carson
Castro
Childress
Cochran
Cole
Coleman
Colorado
Comal
Concho
Coryell
Cottle
Crockett
Crosby
Culberson
Dallam
Dallens
Dawson
DeWitt
Dickens
Dimmit
Donnell
Duval
Eastland
Edwards
El Paso
Fayette
Fisher
Frio
Garcia
Gillespie
Glasscock
Gustavus
Hays
Hudspeth
Hutchinson
Jeff Davis
Jim Hogg
Johnson
Kendall
Kent
Kinney
Kleberg
Lamb
Lampasas
Lee
Limestone
Llano
Martin
Mason
McCluskey
Medina
Menard
Mills
Moore
Morley
Pecos
Pettit
Piedra
Reagan
Real
Robertson
Schleicher
Star
Stephens
Sutton
Tarrant
Terrell
Throckmorton
Tom Green
Tarrant
Upton
Val Verde
Ward
Webster
Wilcox
Williamson
Wilson
Winkler
Yoakum
Zapata

* Burn ban established during a Red Flag Warning day
** Burn ban established during a Red Flag Warning day

DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

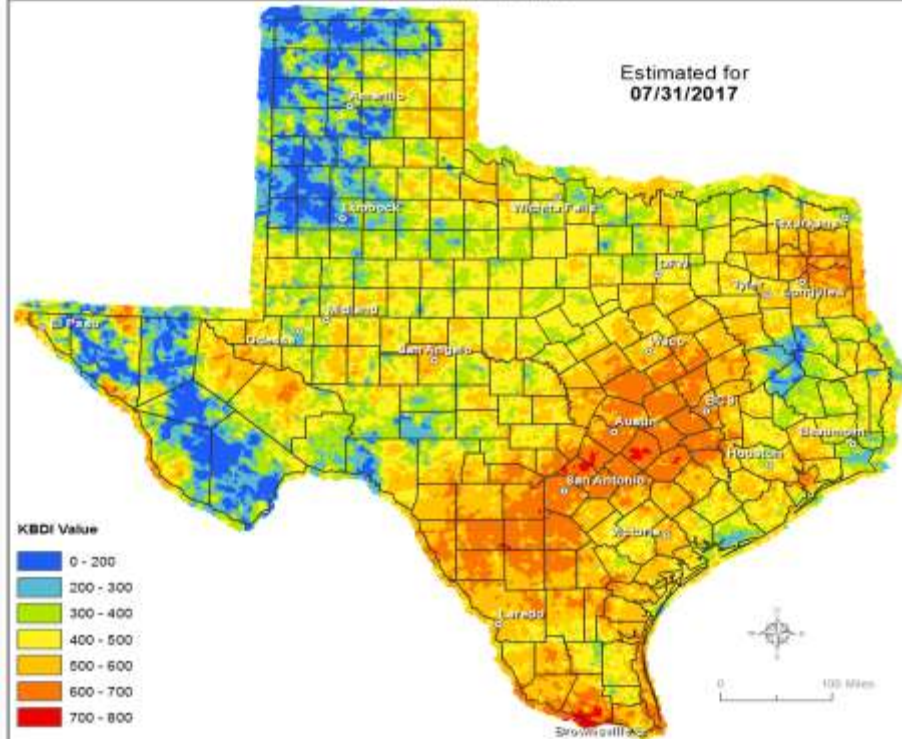
RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfsfp.tamu.edu/wildfires/burnban.xml>

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
07/31/2017



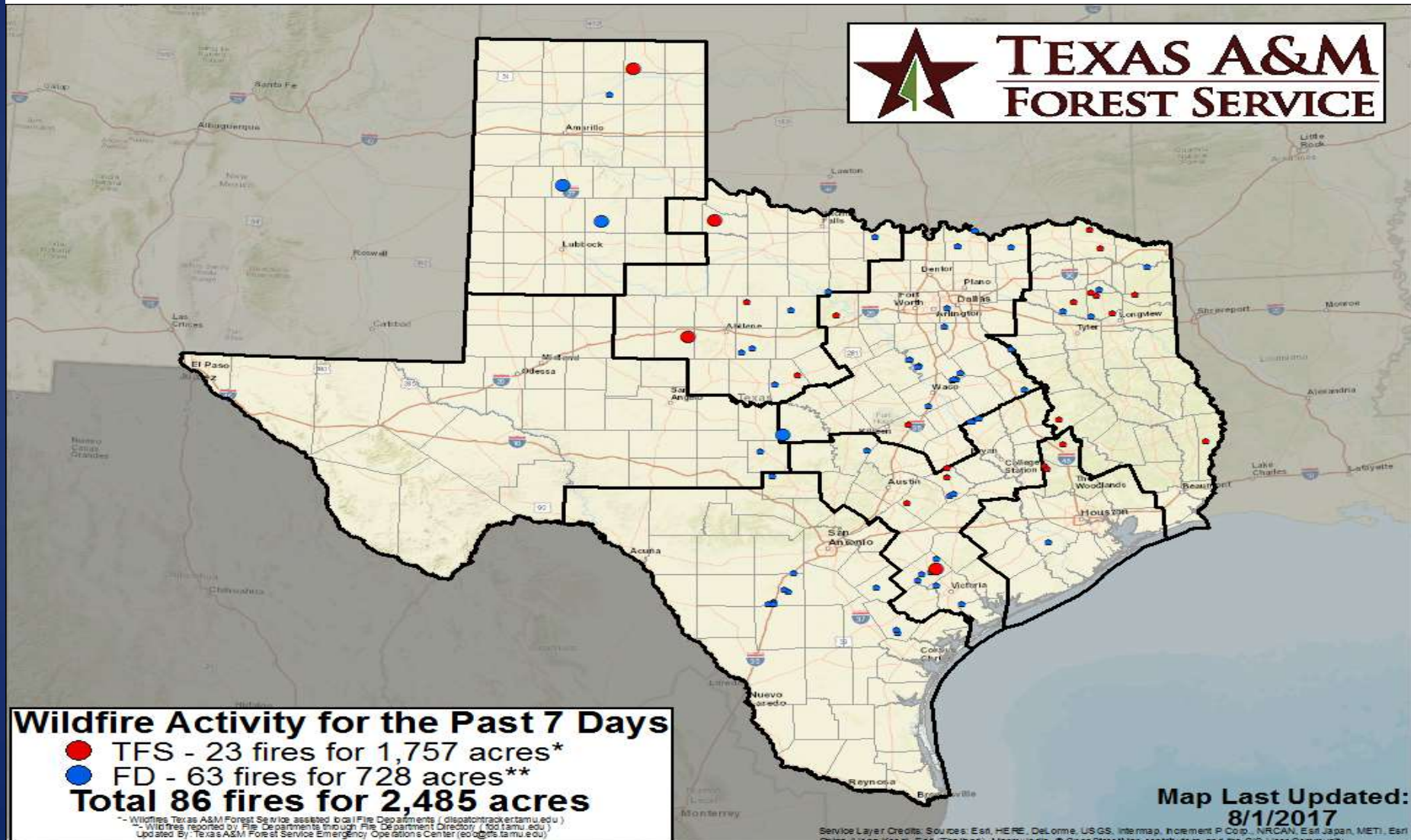
TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 547(no change) fires and 652,256 (no change) acres destroyed this year. There are 90 (+7) counties with burn bans. The Keetch-Byram Drought Index list 188 (-1) counties with an average over 400.



Training

| DATES | | TITLE | COURSE | LOCATION |
|----------|----------|---|---------|-----------------|
| 07/31/17 | 08/01/17 | Intermediate Incident Command System for Expanding Incidents | G-300 | Cypress |
| 07/31/17 | 08/01/17 | Intermediate Incident Command System for Expanding Incidents | G-300 | Arlington |
| 07/31/17 | 08/02/17 | Intermediate Incident Command System for Expanding Incidents | G-300 | Harlingen |
| 07/31/17 | 08/02/17 | Intermediate Incident Command System for Expanding Incidents | G-300 | Bellmead |
| 08/01/17 | 08/03/17 | Integration of Cybersecurity Personnel into the Emergency Operations Center for Cyber Incidents | MGT-456 | College Station |
| 08/01/17 | 08/03/17 | NIMS ICS All-Hazards Type III Communications Unit Leader (COML) | E/L-969 | Houston |

Exercises

| DATE(S) | | AGENCY/LOCATION | EXERCISE |
|----------|----------|-------------------------------------|---|
| 08/01/17 | 08/01/17 | Public Health Region 4/5-N/Tyler | Workshop: Anthrax Response Exercise HSRARE |

Statewide Significant Events

| DATE(S) | | LOCATION | EVENT |
|----------|----------|----------------|--------------------------------|
| 07/06/17 | 08/20/17 | Arlington | Six Flags Over Texas |
| 07/06/17 | 08/27/17 | Galveston | Moody Gardens |
| 07/06/17 | 08/20/17 | Galveston | Schlitterbahn Galveston Island |
| 07/06/17 | 08/20/17 | Padre Island | Schlitterbahn Padre Island |
| 07/06/17 | 08/20/17 | Corpus Christi | Schlitterbahn Corpus Christi |
| 07/06/17 | 08/27/17 | New Braunfels | Schlitterbahn New Braunfels |
| 07/06/17 | 08/27/17 | San Antonio | Six Flags Fiesta Texas |
| 07/06/17 | 08/27/17 | San Antonio | Sea World |
| 07/28/17 | 08/02/17 | Arlington | Texas Rangers Baseball |
| 07/21/17 | 08/06/17 | Houston | Houston Astros Baseball |